Beam Power Tube

9-PIN MINIATURE TYPE

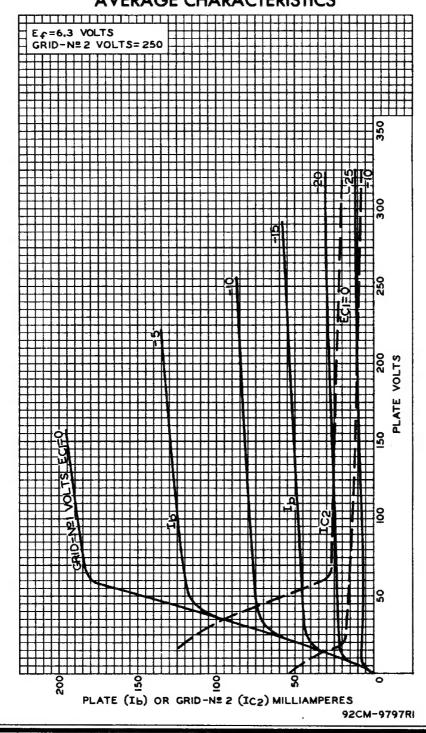
GENERAL DATA

| Electrical: Heater, for Unipotential Cathode: Voltage (AC or DC) | | GENERAL DATA | | | |
|--|--|---|---|--|--|
| Voltage (AC or DC) | | Electrical: | | | |
| Plate Voltage | | Voltage (AC or DC) | | | |
| Plate Voltage | _ | Characteristics, Class A, Amplifier: | - | | |
| Operating Position | | Plate Voltage 60 250 volts Grid-No.2 Voltage 250 250 volts Grid-No.1 Voltage 0 -18 volts Mu Factor, Grid No.1 to Grid No.2 - 8.7 Plate Resistance (Approx.) - 0.05 megohm Transconductance - 5100 μmhos Plate Current 180b 40 ma Grid-No.2 Current 30b 3 ma Grid-No.1 Voltage (Approx.) for | | | |
| Operating Position | | Mechanical: | | | |
| Maximum Ratings, Design-Center Values Except as Noted: For operation in a 525-line, 30-frame system ^c DC PLATE VOLTAGE | | Operating Position | | | |
| Maximum Ratings, Design-Center Values Except as Noted: For operation in a 525-line, 30-frame system ^c DC PLATE VOLTAGE | VERTICAL-DEFLECTION AMPLIFIER | | | | |
| For operation in a 525-line, 30-frame system ^c DC PLATE VOLTAGE | Maximum Ratings, Design-Center Values Except as Noted: | | | | |
| PEAK POSITIVE—PULSE PLATE VOLTAGE (Absolute maximum) d | | | | | |
| , | | PEAK POSITIVE-PULSE PLATE VOLTAGE | | | |
| | | , | | | |

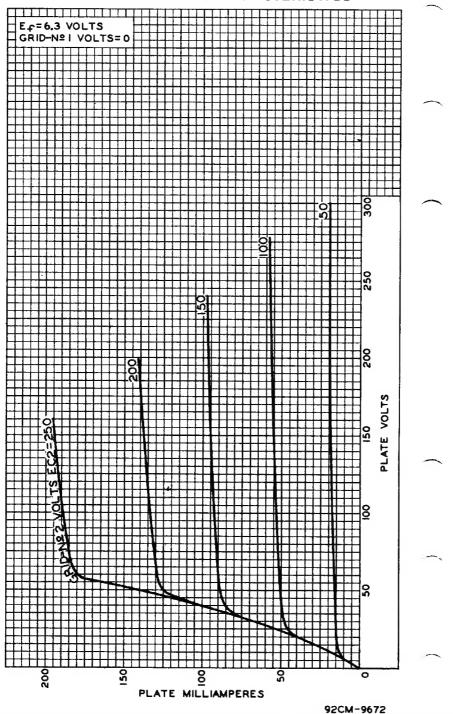
6EM5

| DC GRID-No.2 (SCREEN-GRID) VOLTAGE 285 max. volts PEAK NEGATIVE-PULSE GRID-No.1 (CONTROL-GRID) VOLTAGE 250 max. volts CATHODE CURRENT: | _ | | | |
|---|---|--|--|--|
| Peak | | | | |
| Heater negative with respect to cathode. 200 max. volts Heater positive with respect to cathode. 200 max. volts BULB TEMPERATURE (At hottest point on bulb surface) 250 max. °C | | | | |
| Maximum Circuit Values: | | | | |
| Grid-No.1-Circuit Resistance: For fixed-bias operation 2.2 max. megohms For cathode-bias operation 2.2 max. megohms | | | | |
| a Without external shield. | | | | |
| This value can be measured by a method involving a recurrent wave form such that the maximum ratings of the tube will not be exceeded. As described in "Standards of Good Engineering Practice Concerning | | | | |
| Television Broadcast Stations, Federal Communications Commission. This rating is applicable when the duration of the voltage pulse does not exceed 15 per cent of one vertical scanning cycle. In a 525-line, 30-frame system, 15 per cent of one vertical scanning cycle is 2.5 milliseconds. | | | | |
| e Under no circumstances should this absolute-maximum value be exceeded. f The dc component must not exceed 100 volts. | | | | |

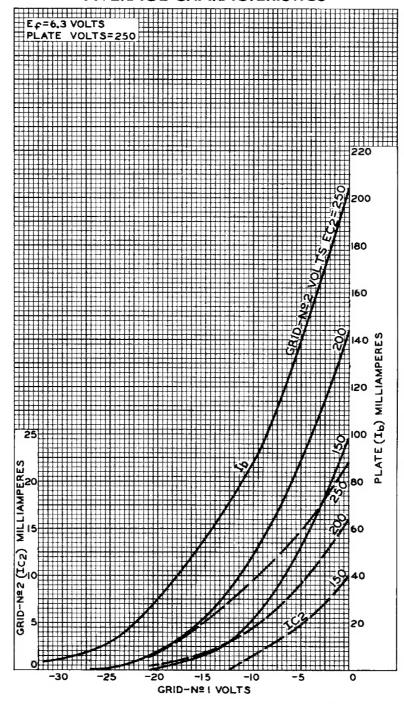
AVERAGE CHARACTERISTICS



AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS



92CM-9673RI